

**ATLAS 5000**  
Series

**Atlas 5000 Series Technical Specifications**  
100-800 kVA 3 Phase Input - 3 Phase Output (HF) Online UPS



ATLAS 5250 - 5300



ATLAS 5160 - 5200

MODEL	5100	5120	5160	5200	5250	5300	5400	5500	5600	5800
Apparent Power (kVA)	100	120	160	200	250	300	400	500	600	800
Active Power (kW)	80	96	128	160	200	240	320	400	480	640
<b>INPUT</b>										
Voltage	380 / 400 / 415 Vac 3 Ph+N+PE									
Voltage Range	±%20									
Frequency	50 Hz (Optional 60 Hz)									
Frequency Range	5%									
THDi	<%5									
Power Factor	0,98-0,99									
<b>OUTPUT</b>										
Voltage	380 Vac 3Ph+N+PE									
Voltage Regulation	<±1%									
Frequency	50 Hz (Optional 60 Hz)									
Frequency Range	Synchronized to Network ± %2 in Line mode; ± 0.05Hz in Free Running									
Crest Factor	3:1									
Efficiency (%100 Load)	93%									
THDv	Linear Load for <3% , Nonlinear Load for <5%									
Overload	100%<Load<%125 for 10 min. %125<load<%150 for 1 min.,Load>150 Bypass									
<b>BYPASS</b>										
Voltage	380 Vac ± %20									
Frequency	50 Hz ± %10									
Short Circuit Protection	Elektronic Security, Fuse									
<b>BATTERY</b>										
Battery Type	Maintenance Dry Type Battery									
Quantity	60									
Charge Voltage	810 Vdc									
En of Discharge Voltage	630 Vdc									
Battery Protection	Deep Discharge Protection									
<b>DISPLAY PANEL</b>										
LCD	Grafiphic LCD Panel, Mimic Panels ve Control Panel									
LED	Line, Battery, Inverter, Load, Fault Indications									
<b>COMMUNICATION</b>										
Interface	Dry Contacts (Battery Low, Input Fault, System Bypass)									
<b>ENVIRONMENTAL</b>										
Operating Temperature	0~40 °C									
Storage Temperature	-25 ~ +55 °C									
Relative Humidity	%0-95 (Non-condensing)									
Altitude	<1000m									
Cooling	Air Cooling									
Protection Level	IP20									
Acoustic Level	<65dBA	<70dBA	<74dBA	<75dBA						
<b>PHYSICAL</b>										
Dimensions (WxDxH)mm	550x800x1335	678x1007x1747	780x1260x1900	2190x810x2029	320x80x190cm					
Weight without Batteries(kg)	240	315	490	540	870	890	1370	1480	1690	1750
<b>OPTIONS</b>										
Functions	Eco Mode, Parallel Operation, Emergency Stop (EPO)									
Communications	SNMP, Modem, Modbus									
<b>STANDARDS</b>										
Standars	EN 62040-1(LVD), EN 62040-2(EMC), EN 62040-3									

**ONLINE UPS**

ATLAS 5000 Series are, True Online Transformerless, Double Conversion UPS Systems with IGBT rectifier providing high input power factor and Input current THD. They produce microprocessor controlled pure sinewave output to critical loads. Industrial manufacturing machines, hospital and laboratory equipments, etc. are the main fields of use with a proved reliable high technology.

**GENERAL SPECIFICATIONS**

- Active Input Current Correction < %5
- DSP Controlled
- Up to 0.99 Input Power Factor Correction
- Static Bypass at UPS Overload or UPS Failure
- Advanced LCD Panel
- Up to 500 Event History
- Optional SNMP
- CE Certificate